

U.S DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
SOUTH DAKOTA

**OPERATION AND MAINTENANCE PLAN
IRRIGATION REGULATING RESERVOIR
CODE 552-B**

Landowner/Operator _____

Job Location _____ GPS

Prepared By _____ Date _____

OPERATION AND MAINTENANCE ITEMS

Operation and maintenance (O&M) is necessary for all conservation practices and is required for all practices installed with NRCS assistance. The landuser is responsible for proper O&M throughout the life of the practice and as may be required by Federal, state or local laws or regulations.

Operation refers to operation of the practice in compliance with all laws, regulations, ordinances, and easements; and in such a manner that will result in the least adverse impact on the environment and will permit the practice to serve the purpose for which it was installed. Maintenance includes work to prevent deterioration of the practice, repairing damage, or replacing components which fail.

Necessary operation and maintenance items for this practice include:

- ☐ Periodically inspect spillways and control gates for proper functioning including their ability to maintain the water level to design elevations. Remove any blockage or obstructions in spillways. Periodically operate gates and valves to help assure proper function.
- ☐ Inspect metal surfaces for rust and other damage. Especially inspect sections in contact with earthfill and/or other materials. Repair or replace damaged sections and apply a protective covering.
- ☐ Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilizing, and application of herbicides when necessary. Periodic mowing or short term grazing may also be needed to control vegetation height.
- ☐ Maintain installed fences to prevent unauthorized human or livestock entry.
- ☐ Repair vandalism, vehicular, or livestock damage.
- ☐ Remove debris from the reservoir and immediately upstream or downstream from inlet and outlet facilities.
- ☐ Keep screens and/or rodent guards maintained and in place.
- ☐ Remove rodents or burrowing animals and repair any damage caused by their activity.

Other _____

